

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No. 82859LMB Customer No. 01333	Serial No. 			
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee		Applicant: Narasimharao Dontula, et al.				
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		Filing Date	Group 			
U.S. PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Kiwi	4,739,007	04/19/88	Okada et al.			
	4,810,734	05/07/89	Kawasumi et al.			
	4,894,411	01/16/90	Okada et al.			
	5,102,948	04/07/92	Deguchi et al.			
	5,164,440	11/17/92	Deguchi et al.			
	5,164,460	11/17/92	Yano et al.			
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	5,385,776	01/31/95	Maxfield et al.			
	5,514,734	05/07/96	Maxfield et al.			
	5,552,469	09/03/96	Beall et al.			
	5,578,672	11/26/96	Beall et al.			
	5,698,624	12/16/97	Beall et al.			
	5,721,306	02/24/98	Tsipursky et al.			
	5,747,560	05/05/98	Christiani et al.			
	5,804,613	09/08/98	Beall et al.			
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+	5,880,197	03/09/97	Beall et al.			
Kiwi	5,973,053	10/26/99	Usuki et al.			
FOREIGN PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
Kiwi	A. Okada et al., Polym Prep., 1987, Vol. 28, pages 447-448					
	Rachel Levy and C.W. Francis, Journal of Colloid And Interface Science, March 1975, Vol. 50 (3), 442-450					
	D.J. Greenland, Journal of Colloid Science, Vol. 18, 1963, pages 647-664					
	Richard A. Vaia et al., New Polymer Electrolyte Nanocomposites: Melt intercalation of polyethyleneoxide in mica type silicates, Advanced Materials, 7(2), 1995, pages 154-156					
	V. Mehrotra, E.P. Giannelis, Solid State Communications, 1991, Vol. 77, No. 2, pages 155-158					
	Ed. T.J. Pinnavaia and G.W. Beall, John Wiley & Sons, Ltd. Publishers, Polymer-Clay Nanocomposites, 2000					
Kiwi	H. van Olphen, John Wiley & Sons, Ltd. Publishers, An Introduction To Clay Colloid Chemistry, 1963, 1977					
	Co-pending USSN 09/_____, Dontula et al., Ethoxylated Alcohol Intercalated Smectite Materials (D-82056)					
	Co-pending USSN 09/_____, Majumdar et al., Smectite Clay Intercalated With Polyether Block Polyamide Copolymer (D-82857)					
	Co-pending USSN 09/_____, Nair et al., Polyester Nanocomposites (D-82858)					
EXAMINER	Katareuma Miyakebashi			DATE CONSIDERED Aug 28, 2003		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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<p>LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)</p>		<p>Filing Date 13 November 2001</p>		<p>Group 1714</p>	
U.S. PATENT DOCUMENTS					
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
KWL	4,017,452	4/12/77	Schwarz		
FOREIGN PATENT DOCUMENTS					
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
EXAMINER <i>Kotapuwa Minooebala</i>			DATE CONSIDERED <i>Aug 28/2003</i>		
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